

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Listing of Claims:

Claim 1 (Currently Amended): An image processing apparatus, comprising:

a scanner including a direct control section configured to control a scanning operation of the scanner so as to input image information from an original document; and

a main body configured to process the image information, and including a control section configured to perform an initializing process for the main body,

wherein a homing operation of the scanner is performed by the direct control section independently of the initializing process of the control section of the main body, when power is supplied to the image processing apparatus or when the image processing apparatus is returned from a shutdown state, ~~and~~

wherein a warm-up of said main body is started when the control section of the main body confirms a completion of the homing operation of the scanner, and

wherein when the control section of the main body confirms the completion of the homing operation of the scanner, the control section of the main body supplies necessary data for making an automatic adjustment to the scanner, and the scanner makes the automatic adjustment based on the data supplied from the control section of the main body.

Claim 2 (Currently Amended): An image processing apparatus, comprising:

a scanner including a direct control section configured to control a scanning operation of the scanner so as to input image information from an original document;

an image input device other than said scanner configured to input image information;

a main body configured to process the image information input by the scanner and the image input device, said main body including a control section configured to perform an initializing process for said main body; and

an operation device configured to determine whether a homing operation of said scanner is performed by the direct control section independently of the initializing process of the control section of the main body or by an instruction provided from the control section of the main body, when power is supplied to the image processing apparatus or when the image processing apparatus is returned from a shutdown state,

wherein a warm-up of said main body is started when the control section of the main body confirms a completion of the homing operation of the scanner, and

wherein when the control section of the main body confirms the completion of the homing operation of the scanner, the control section of the main body supplies necessary data for making an automatic adjustment to the scanner, and the scanner makes the automatic adjustment based on the data supplied from the control section of the main body.

Claim 3 (Currently Amended): An image processing apparatus having a plurality of functions, comprising:

a scanner including a direct control section configured to control a scanning operation of the scanner so as to input image information from an original document;

an image input device other than said scanner configured to input image information;

a main body configured to process the image information input by said scanner and said image input device, said main body including a control section configured to perform an initializing process for said main body; and

an operational mode selection device configured to select one of a first operational mode in which a homing operation of the scanner is performed by the direct control section

independently of the initializing process of the control section of the main body, and a second operational mode in which the homing operation of the scanner is performed by an instruction provided from the control section of the main body, when power is supplied to the image processing apparatus or when the image processing apparatus is returned from a shutdown state,

wherein said operational mode selection device selects the first operational mode when each of the plurality of functions is fulfilled with said scanner, and selects the second operational mode when at least one of the plurality of functions is fulfilled without the scanner, and

wherein a warm-up of said main body is started when the control section of the main body confirms a completion of the homing operation of the scanner, and

wherein when the control section of the main body confirms the completion of the homing operation of the scanner, the control section of the main body supplies necessary data for making an automatic adjustment to the scanner and the scanner makes the automatic adjustment based on the data supplied from the control section of the main body.

Claim 4 (Original): The image processing apparatus according to claim 3, wherein the operational mode selection device includes a volatile memory configured to store data, detected by the control section of the main body, on the plurality of functions of the image processing apparatus, and

wherein the operational mode selection device selects the first or second operational modes based on the data stored in the volatile memory.

Claim 5 (Cancelled).

Claim 6 (Original): The image processing apparatus according to claim 3, wherein the plurality of functions comprise at least one of a facsimile function, a printer function, and a filing function in addition to a copying function.

Claim 7 (Cancelled).

Claim 8 (Currently Amended): A method for initializing an image processing apparatus having a main body for processing image information input by a scanner, comprising:

performing a homing operation of the scanner independently of an initializing process of the main body, when power is supplied to the image processing apparatus or when the image processing apparatus is returned from a shutdown state,

supplying necessary data for making an automatic adjustment to the scanner, the necessary data being supplied by a control section of the main body to the scanner, and automatically adjusting the scanner based on the necessary data, when the control section of the main body confirms a completion of the homing operation of the scanner, and

starting ~~wherein~~ a warm-up of said main body, ~~is started~~ when the [[a]] control section of the main body confirms [[a]] the completion of the homing operation of the scanner.

Claim 9 (Currently Amended): A method for initializing an image processing apparatus having a main body for processing image information input by a scanner, comprising:

selecting a first operational mode in which a homing operation of the scanner is performed by a direct control section of the scanner independently of an initializing process

of the main body or a second operational mode in which the homing operation of the scanner is performed by an instruction provided from the main body,

supplying necessary data for making an automatic adjustment to the scanner, the necessary data being supplied by a control section of the main body to the scanner, and automatically adjusting the scanner based on the necessary data, when the control section of the main body confirms a completion of the homing operation of the scanner, and

starting ~~wherein~~ a warm-up of said main body, ~~is started~~ when ~~[[a]]~~ the control section of the main body confirms ~~[[a]]~~ the completion of the homing operation of the scanner.

Claim 10 (Currently Amended): A method for initializing an image processing apparatus having a plurality of functions and a main body for processing image information input by a scanner or another image input device, comprising:

detecting a plurality of functions included in the image processing apparatus; and
selecting a first operational mode in which a homing operation of the scanner is performed by a direct control section of the scanner independently of an initializing process of the main body when each of the plurality of functions is fulfilled with the scanner or
selecting a second operational mode in which the homing operation of the scanner is performed by an instruction provided from the main body when at least one of the plurality of functions is fulfilled without said scanner,

supplying a necessary data for making an automatic adjustment to the scanner, the necessary data being supplied by a control section of the main body to the scanner, and automatically adjusting the scanner based on the necessary data, when the control section of the main body confirms a completion of the homing operation of the scanner, and

starting ~~wherein~~ a warm-up of said main body, ~~is started~~ when ~~[[a]]~~ the control section of the main body confirms ~~[[a]]~~ the completion of the homing operation of the scanner.

Claim 11 (Original): The method according to claim 10, further comprising:
storing, in a volatile memory, data corresponding to the plurality of functions detected in the detecting step; and
selecting the operational mode based on the data stored in the volatile memory.

Claim 12 (Currently Amended): A method for initializing an image processing apparatus having a plurality of functions and a main body for processing image information input by a scanner or another image input device, comprising:
detecting a plurality of functions included in the image processing apparatus;
storing, in a volatile memory, data corresponding to the plurality of functions detected in the detecting step; and
selecting a first operational mode in which a homing operation of the scanner is performed by a direct control section of the scanner independently of an initializing process of the main body when each of the plurality of functions stored in the volatile memory is fulfilled with said scanner when the image processing apparatus is returned from a shutdown state, or selecting a second operational mode in which the homing operation of the scanner is performed by an instruction provided from the main body when power is supplied to the image processing apparatus and when at least one of the plurality of functions stored in the volatile memory is fulfilled without said scanner when the image processing apparatus is returned from the shutdown state,

supplying a necessary data for making an automatic adjustment to the scanner, the necessary data being supplied by a control section of the main body to the scanner, and automatically adjusting the scanner based on the necessary data, when the control section of the main body confirms a completion of the homing operation of the scanner, and
starting ~~wherein~~ a warm-up of said main body, ~~is started~~ when ~~[[a]]~~ the control section of the main body confirms ~~[[a]]~~ the completion of the homing operation of the scanner.

Claim 13 (Original): The method according to claim 10, wherein the plurality of functions include at least one of a facsimile function, a printer function, and a filing function in addition to a copying function.

Claim 14 (Original): The method according to claim 12, wherein the plurality of functions include at least one of a facsimile function, a printer function, and a filing function in addition to a copying function.

Claim 15 (Currently Amended): An image processing apparatus, comprising:
scanner means including a direct control section for controlling a scanning operation of the scanner means so as to input image information from an original document; and
main body means for processing the image information, and including a control section for performing an initializing process of the main body means,
wherein a homing operation of the scanner means is performed by the direct control section independently of the initializing process of the control section of the main body means, when power is supplied to the image processing apparatus or when the image processing apparatus is returned from a shutdown state, ~~and~~

wherein a warm-up of said main body means is started when the control section of the main body means confirms a completion of the homing operation of the scanner means, and wherein when the control section of the main body means confirms the completion of the homing operation of the scanner means, the control section of the main body means supplies the necessary data for making an automatic adjustment to the scanner means, and the scanner means makes the automatic adjustment based on the data supplied from the control section of the main body means.

Claim 16 (Currently Amended): An image processing apparatus, comprising:
scanner means including a direct control section for controlling a scanning operation of the scanner means so as to input image information from an original document;
image input means other than said scanner means for inputting image information;
main body means for processing the image information input by the scanner means and the image input means, said main body means including a control section for performing an initializing process of said main body means; and
operational means for determining whether a homing operation of said scanner means is performed by the direct control section independently of the initializing process of the control section of the main body means or by an instruction provided from the control section of the main body means when power is supplied to the image processing apparatus or when the image processing apparatus is returned from a shutdown state,

wherein a warm-up of said main body means is started when the control section of the main body means confirms a completion of the homing operation of the scanner means, and wherein when the control section of the main body means confirms the completion of the homing operation of the scanner means, the control section of the main body means supplies the necessary data for making an automatic adjustment to the scanner means, and the

scanner means makes the automatic adjustment based on the data supplied from the control section of the main body means.

Claim 17 (Currently Amended): An image processing apparatus having a plurality of functions, comprising:

scanner means including a direct control section for controlling a scanning operation of the scanner means so as to input image information from an original document;

image input means other than said scanner means for inputting image information;

main body means for processing the image information input by said scanner means and said image input means, said main body means including a control section for performing an initializing process of said main body means; and

operational mode selection means for selecting one of a first operational mode in which a homing operation of the scanner means is performed by the direct control section independently of the initializing process of the control section of the main body means, and a second operational mode in which the homing operation of the scanner means is performed by an instruction provided from the control section of the main body means, when power is supplied to the image processing apparatus or when the image processing apparatus is returned from a shutdown state,

wherein said operational mode selection means selects the first operational mode when each of the plurality of functions is fulfilled with said scanner means, and selects the second operational mode when at least one of the plurality of functions is fulfilled without the scanner means, and

wherein a warm-up of said main body means is started when the control section of the main body means confirms a completion of the homing operation of the scanner means, and

wherein when the control section of the main body means confirms the completion of the homing operation of the scanner means, the control section of the main body means supplies the necessary data for making an automatic adjustment to the scanner means, and the scanner means makes the automatic adjustment based on the data supplied from the control section of the main body means.

Claim 18 (Original): The image processing apparatus according to claim 17, wherein the operational mode selection means includes memory means for storing data, detected by the control section of the main body means on the plurality of functions of the image processing apparatus, and

wherein the operational mode selection means selects the first or second operational modes based on the data stored in the memory means.

Claim 19 (Currently Amended): An image processing apparatus having a plurality of functions, comprising:

scanner means including a direct control section for controlling a scanning operation of the scanner means so as to input image information from an original document;

image input means other than said scanner means for inputting image information;

main body means for processing the image information input by said scanner means and said image input means, said main body means including a control section for performing an initialization process of said main body means; and

operational mode selection means for selecting one of a first operational mode in which a homing operation of the scanner means is performed by the direct control section independently of the initializing process of the control section of the main body means, and a second operational mode in which the homing operation of the scanner means is performed

by an instruction provided from the control section of the main body means, said operational mode selection device including memory means for storing data, detected by the control section of the main body means, on the plurality of functions of the image processing apparatus,

wherein the operational mode selection means selects the first operational mode when each of the plurality of functions is fulfilled with said scanner means when the image processing apparatus is returned from a shutdown state, and selects the second operational mode when power is supplied to the image processing apparatus, and

wherein the operational mode selection means selects the second operational mode when the data stored in the memory means includes at least one of the plurality of functions fulfilled without the scanner means when the image processing apparatus is returned from a shutdown state, and

wherein a warm-up of said main body means is started when the control section of the main body means confirms a completion of the homing operation of the scanner means, and

wherein when the control section of the main body means confirms the completion of the homing operation of the scanner means, the control section of the main body means supplies the necessary data for making an automatic adjustment to the scanner means, and the scanner means makes the automatic adjustment based on the data supplied from the control section of the main body means.

Claim 20 (Original): The image processing apparatus according to claim 17, wherein the plurality of functions comprise at least one of a facsimile function, a printer function, and a filing function in addition to a copying function.

Claim 21 (Original): The image processing apparatus according to claim 19, wherein the plurality of functions comprise at least one of a facsimile function, a printer function, and a filing function in addition to a copying function.

Claim 22 (Currently Amended): A computer program product for initializing an image processing apparatus having a main body for processing image information input by a scanner, comprising:

a first computer code for performing a homing operation of the scanner independently of an initializing process of the main body, when power is supplied to the image processing apparatus or when the image processing apparatus is returned from a shutdown state,

a second computer code for supplying necessary data for making an automatic adjustment to the scanner, the necessary data being supplied by a control section of the main body to the scanner, and automatically adjusting the scanner based on the necessary data, when the control section of the main body confirms a completion of the homing operation of the scanner, and

a third computer code for starting ~~wherein~~ a warm-up of said main body, ~~is started~~ when ~~[[a]]~~ the control section of the main body confirms ~~[[a]]~~ the completion of the homing operation of the scanner.

Claim 23 (Currently Amended): A computer program product for initializing an image processing apparatus having a main body for processing image information input by a scanner, comprising:

a first computer code for selecting a first operational mode in which a homing operation of the scanner is performed by a direct control section of the scanner independently

of an initializing process of the main body or a second operational mode in which the homing operation of the scanner is performed by an instruction provided from the main body,

a second computer code for supplying necessary data for making an automatic adjustment to the scanner, the necessary data being supplied by a control section of the main body to the scanner, and automatically adjusting the scanner based on the necessary data, when the control section of the main body confirms a completion of the homing operation of the scanner, and

a third computer code for starting ~~wherein~~ a warm-up of said main body, ~~is started~~ when ~~[[a]]~~ the control section of the main body confirms ~~[[a]]~~ the completion of the homing operation of the scanner.

Claim 24 (Currently Amended): A computer program product for initializing an image processing apparatus having a plurality of functions and a main body for processing image information input by a scanner or another image input device, comprising:

a first computer code for detecting a plurality of functions included in the image processing apparatus; ~~and~~

a second computer code for selecting a first operational mode in which a homing operation of the scanner is performed by a direct control section of the scanner independently of an initializing process of the main body when each of the plurality of functions is fulfilled with the scanner or selecting a second operational mode in which the homing operation of the scanner is performed by an instruction provided from the main body when at least one of the plurality of functions is fulfilled without said scanner~~[[,]]~~;

a third computer code for supplying necessary data for making an automatic adjustment to the scanner, the necessary data being supplied by a control section of the main body to the scanner, and automatically adjusting the scanner based on the necessary data,

when the control section of the main body confirms a completion of the homing operation of the scanner; and

a fourth computer code for starting ~~wherein~~ a warm-up of said main body, ~~is started~~
when ~~[[a]]~~ the control section of the main body confirms ~~[[a]]~~ the completion of the homing operation of the scanner.

Claim 25 (Currently Amended): The computer program product according to claim 24, further comprising:

a fifth ~~third~~ computer code for storing, in a volatile memory, data corresponding to the plurality of functions detected by the first computer code; and

a sixth ~~fourth~~ computer code for selecting the operational mode based on the data stored in the volatile memory.

Claim 26 (Currently Amended): A computer program product for initializing an image processing apparatus having a plurality of functions and a main body for processing image information input by a scanner or another image input device, comprising:

a first computer code for detecting a plurality of functions included in the image processing apparatus;

a second computer code for storing, in a volatile memory, data corresponding to the plurality of functions detected by the first computer code; ~~and~~

a third computer code for selecting a first operational mode in which a homing operation of the scanner is performed by a direct control section of the scanner independently of an initializing process of the main body when each of the plurality of functions stored in the volatile memory is fulfilled with said scanner when the image processing apparatus is returned from a shutdown state, or selecting a second operational mode in which the homing

operation of the scanner is performed by an instruction provided from the main body when power is supplied to the image processing apparatus and when at least one of the plurality of functions stored in the volatile memory is fulfilled without said scanner when the image processing apparatus is returned from the shutdown state[[,]];

a fourth computer code for supplying necessary data for making an automatic adjustment to the scanner, the necessary data being supplied by a control section of the main body to the scanner, and automatically adjusting the scanner based on the necessary data, when the control section of the main body confirms a completion of the homing operation of the scanner; and

a fifth computer code for starting wherein a warm-up of said main body, ~~is started~~ when [[a]] the control section of the main body confirms [[a]] the completion of the homing operation of the scanner.

Claim 27 (Original): The computer program product according to claim 24, wherein the plurality of functions include at least one of a facsimile function, a printer function, and a filing function in addition to a copying function.

Claim 28 (Original): The computer program product according to claim 26, wherein the plurality of functions include at least one of a facsimile function, a printer function, and a filing function in addition to a copying function.

Claim 29 (Previously Presented): The image forming apparatus according to claim 1, wherein an occurrence of an abnormal homing operation stops the homing operation when the homing operation is erroneously performed.

Claim 30 (Previously Presented): The image forming apparatus according to claim 2, wherein an occurrence of an abnormal homing operation stops the homing operation when the homing operation is erroneously performed.

Claim 31 (Previously Presented): The image forming apparatus according to claim 3, wherein an occurrence of an abnormal homing operation stops the homing operation when the homing operation is erroneously performed.

Claim 32-34 (Cancelled).